

## IN THE SPECIFICATION

Please, replace the paragraph beginning on page 13, line 11, and ending on page 13 on line 16 with the following paragraph:

The results of the binding assays confirmed that lymphocytes separated from normal human blood express high affinity binding sites for  $\beta$ -endorphin,  $K_d = (0.25 \pm 0.03)$  nM. The binding of  $\beta$ -endorphin to these sites was naloxone- and Met-enkephalin-insensitive, but sensitive to immunorphin and its fragments H-VKGFY-OH, H-LVKGFY-OH, H-CLVKGFY-OH, H-TCLVKGFY-OH, H-LTCLVKGFY-OH (Fig. 3, Tab. 1). Thus, T lymphocytes from normal human blood express non-opioid receptors for  $\beta$ -endorphin.